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# WITH THE CORN BORER

Issued in the interest of corn-borer control conducted by the United States Department of Agriculture in cooperation with the State departments of agriculture and State agricultural colleges in New York, Pennsylvania, Ohio, Michigan, and Indiana.

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## BEFORE CONGRESS

**The Purnell Bill**

The Purnell Corn-Borer Bill, authorizing $7,000,000 for corn-borer control, was on May 10 waiting for reconsideration in the Senate. The bill was passed by the House, April 11, and by the Senate April 24. A motion for reconsideration was entered in the Senate on April 25 and the bill recalled from the House. It is now awaiting action on the motion to reconsider.

**The Appropriations Bill**

The regular agricultural appropriations bill carrying an appropriation of $1,257,580 for research studies and the regular work of enforcing quarantine and preventing long-distance spread was passed by both the House and Senate, but with amendments by the Senate. The bill then went to conference and the conference report has been accepted by the Senate and on May 10 was awaiting action by the House.

## CLEAN-UP IN LUCAS COUNTY, OHIO

Farmers in Lucas County, Ohio, are busily engaged in cleaning up their old cornfields before May 15, where the State has decreed that all the remnants from last year's corn crop must be disposed of. After this date, the State cooperating with the Federal Government will clean up all that is left. The farmers are doing this work without extra compensation to keep the borer population down in Lucas County. More than 1,300 of these farmers petitioned the Director of Agriculture, Charles V. Truax, to enforce the clean-up regulations in their county that the corn crop might be protected.

Address communications to Information Division, Corn-Borer Control, Extension Service, United States Department of Agriculture, Washington, D. C.

## AT THE INTERNATIONAL CONGRESS ON ENTOMOLOGY

Corn-borer problems will be discussed by D.J.Caffrey of the United States Department of Agriculture, and H.G.Crawford of the Department of Agriculture, Dominion of Canada, at the Fourth International Congress on Entomology, when entomologists from every part of the world will meet at Cornell University, Ithaca, N.Y., from August 12 to 18.

Mr. Crawford will discuss the history and status of the corn borer as a problem in Canada, with its general effect upon Canadian agriculture in the region infested. Mr. Caffrey will review the situation in the United States with reference to the possible future effect upon American agriculture should the corn borer become established in the Corn Belt with habits similar to those in the corn belt of Central Europe and Canada.

## ACROSS THE SEAS TO GUAM

They have the corn borer way out where Guam is and have recently imported 1,700 parasites reared as far as the spin-up stage in the laboratory at Monroe, Mich. These parasites (Exeristes roborator Fabr.) withstood the long journey in cold storage, arrived in good condition and on emergence were liberated in the infested fields of the island, reports Dr. Philip Lubinbill in charge of the Monroe laboratory.

## DID YOU EVER WONDER?

How the corn-borer parasites spend the winter?

Three species spend the winter in cocoons inside the corn stalk, two species as adult insects taking refuge in corn shocks or piles of rubbish and the rest of them as eggs or small larvae within their victims, the corn borers.

OR

How well these parasites stand our winters?

They are a hardy race and the survival is practically 100 per cent while about 85 or 90 per cent of the corn borers hale and hardy in November live to become moths in the spring.

## CORN-BORER BOOKSHELF

New Plowing Bulletin from New York

"Plowing to Control the European Corn borer," by George H. Brainard. A four-page leaflet, well illustrated, telling how to do a clean job of plowing. This is a New York extension service circular.

SUMMARIZING THE CORN-BORER SITUATION

A number of papers dealing with various phases of the corn-borer situation by those who have been most active in the work were given at the annual meeting of the American Association for the Advancement of Science and have been printed in the Journal of Economic Entomology, February, 1928.

"The status of the European corn borer in Canada," by L.S.McLaine and H.G.Crawford of the Dominion Department of Agriculture.

"Results of the ten million dollar corn-borer clean-up campaign," by W.H.Larrimer, who was in administrative charge of the campaign.

"Corn-borer control and the ten million dollar clean-up campaign," by L.H.Worthley, in charge of field work during the campaign.

"Corn-borer research and the ten million dollar clean-up campaign," by D.J.Caffrey, in charge of corn-borer research work.

"The correlation between soil fertility and European corn-borer accumulation," by L.L.Huber and C.P.Heiswander of the Ohio State Experiment Station.

"Fundamental phases of European corn-borer research," by D.J.Caffrey and L.L.Huber.